

**TRANSMITTAL  
FORM***(to be used for all correspondence after initial filing)*

<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/603,339	
	Filing Date	June 24, 2003	
	First Named Inventor	Jedrzejewski, Paul	
	Art Unit	Unassigned	
	Examiner Name	Unassigned	
Total Number of Pages in This Submission	6	Attorney Docket Number	020144-001512US

**ENCLOSURES (Check all that apply)**

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  Return Postcard
Remarks		The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual	Townsend and Townsend and Crew LLP Patrick R. Jewik	Reg. No. 40,456
Signature		
Date	9/10/03	

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Michael Nowak		
Signature		Date	9/10/03

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT  
Attorney Docket No.: 020144-001512US

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

September 10, 2003

TOWNSEND and TOWNSEND and CREW LLP

By: 

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Paul Jedrzejewski, et al.

Application No.: 10/603,339

Filed: June 24, 2003

For: MICROFLUIDIC DEVICES AND  
METHODS

Examiner: Unassigned

Art Unit: Unassigned

INFORMATION DISCLOSURE  
STATEMENT UNDER 37 CFR §1.97 and  
§1.98

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. In accordance with 37 CFR §1.98(d), copies of the references can be found in Application No. 10/208,381, filed July 29, 2002 (Attorney Docket No. 020144-001511US). It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

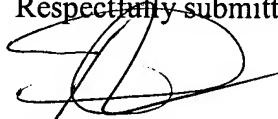
As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no

representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement.

However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



Patrick R. Jewik  
Reg. No. 40,456

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60036444 v1



Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 3

**Complete if Known**

Application Number	10/603,339
Filing Date	June 24, 2003
First Named Inventor	Jedrzejewski, Paul
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	020144-001512US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	US-4,071,409	01/31/1978	Messing et al.	
	AB	US-5,041,266	08/20/1991	Fox	
	AC	US-5,143,854	09/01/1992	Pirung et al.	
	AD	US-5,160,378	11/03/1992	Tuunanen et al.	
	AE	US-5,252,743	10/12/1993	Barrett et al.	
	AF	US-5,288,514	02/22/1994	Ellman	
	AG	US-5,304,487	04/19/1994	Wilding et al.	
	AH	US-5,405,783	04/11/1995	Pirung et al.	
	AI	US-5,585,069	12/17/1996	Zanzucchi et al.	
	AJ	US-5,603,351	02/18/1997	Cherukuri et al.	
	AK	US-5,620,850	04/15/1997	Bamdad et al.	
	AL	US-5,624,711	04/29/1997	Sundberg et al.	
	AM	US-5,632,876	05/27/1997	Zanzucchi et al.	
	AN	US-5,750,015	05/12/1998	Soane et al.	
	AO	US-5,831,184	11/03/1998	Willard et al.	
	AP	US-5,843,767	12/01/1998	Beattie	
	AQ	US-5,849,208	12/15/1998	Hayes et al.	
	AR	US-5,858,188	01/12/1999	Soane et al.	
	AS	US-5,858,804	01/12/1999	Zanzucchi et al.	
	AT	US-5,859,431	01/12/1999	Cotrell et al.	
	AU	US-5,867,266	02/02/1999	Craighead	
	AV	US-5,872,010	02/16/1999	Karger et al.	
	AW	US-5,876,675	03/02/1999	Kennedy	
	AX	US-5,894,063	04/13/1999	Hutchens et al.	
	AY	US-5,942,443	08/24/1999	Parce et al.	
	AZ	US-5,980,704	11/09/1999	Cherukuri et al.	
	BA	US-6,007,690	12/28/1999	Nelson et al.	
	BB	US-6,020,208	02/01/2000	Hutchens et al.	
	BC	US-6,027,942	02/22/2000	Hutchens et al.	
	BD	US-6,024,925	02/15/2000	Little et al.	
	BE	US-6,043,031	03/28/2000	Koster et al.	
	BF	US-6,044,981	04/04/2000	Chu et al.	
	BG	US-6,046,056	04/04/2000	Parce et al.	
	BH	US-6,068,752	05/30/2000	Dubrow et al.	
	BI	US-6,097,097	08/01/00	Hirose	
	BJ	US-6,153,073	11/28/2000	Dubrow et al.	
	BK	US-6,171,850	01/09/2001	Nagle et al.	
	BL	US-6,048,498 B1	4/11/2000	Kennedy	
	BM	US-6,107,044 B1	8/22/2000	Nikiforov	
	BN	US-6,167,910 B1	1/2/2001	Chow	

Examiner  
SignatureDate  
Considered

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.



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Sheet 2 of 3

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Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	020144-001512US

	BO	US-6,186,660 B1	2/13/2001	Kopf-Sill et al.	
	BP	US-6,274,089 B1	8/14/2001	Chow et al.	
	BQ	US-6,318,970 B1	11/20/2001	Backhouse	
	BR	US-6,503,757 B1	1/07/2003	Chow	

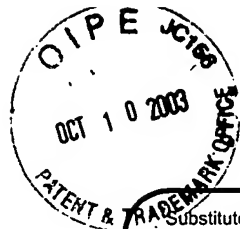
**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	BS	DE	19754978	A1	07/01/1999	Bruker Daltonik GmbH		<input type="checkbox"/>
	BT	PCT	WO9428418	A1	12/08/1994	Baylor College of Medicine		<input type="checkbox"/>
	BU	PCT	WO9841323	A1	09/24/1998	MOXTEK, INC.		<input type="checkbox"/>
	BV	PCT	WO9859362	A1	12/30/1998	CIPHERGEN BIOSYSTEMS, INC.		<input type="checkbox"/>
	BW	PCT	WO0004382	A1	01/27/2000	ZYOMYX, INC.		<input type="checkbox"/>
	BX	PCT	WO0004389	A2	01/27/2000	ZYOMYX, INC.		<input type="checkbox"/>
	BY	PCT	WO0004390	A2	01/27/2000	ZYOMYX, INC.		<input type="checkbox"/>
	BZ	PCT	WO0006388	A1	02/10/2000	GENSPEC S.A.		<input type="checkbox"/>
	CA	PCT	WO0014197	A1	03/16/2000	HITACHI SOFTWARE ENGINEERING CO., LTD.		
	CB	PCT	WO0015321	A1	03/23/2000	ADVANCED BIOANALYTICAL SERVICES, INC.		

Examiner  
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Sheet 3 of 3

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Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	020144-001512US

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CC	AHN, <i>et al.</i> "Microfluidic Devices and Systems II" (SPIE - The International society for Optical Engineering, September 20 - 21, 1999)	
	CD	DESAI <i>et al.</i> , "A MEMS Electrostatic Particle Transportation System," <i>Sensors and Actuators A: Physical</i> (1999)	
	CE	DUCRÉE, <i>et al.</i> "Topspot - A New Method for the Fabrication of Microarrays" (IEEE April 2000)	
	CF	KAMISUKI, <i>et al.</i> "A High Resolution, Electrostatically-Driven Commercial Inkjet Head" (Production Engineering & Development Department, System Device Division, Seiko Epson Corporation)	
	CG	MAN <i>et al.</i> , "Microfabricated Capillarity-Driven Stop Valve and Sample Injector" (University of Michigan, Ann Arbor, MI)	
	CH	MSIA™ "Mass Spectrometric Immunoassay" (Intrinsic Bioprobes, Inc.)	
	CI	PETERSEN <i>et al.</i> , "The Promise of Miniaturized Clinical Diagnostic Systems" (IVDT Archive, July 1998)	

Examiner Signature		Date Considered	
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